Amendments to the Claims

Please cancel claim 38 without prejudice to or disclaimer of its subject

matter.

Please amend Claims 1-37 to read as follows.

1.   (Currently Amended) A method of creating a file describing a digital

image, comprising the steps of:

[[-]] defining at least one zoomable area in the image, a zoomable area

being defined by characteristics of location of the said area in the image and for which

additional data are available[[,]];

[[-]] writing the said characteristics of said the at least one zoomable area in

a first file[[,]]; and

[[-]] writing in the first file at least one management function in a computer-

executable language for navigation in the image.

2.   (Currently Amended) The method according to claim 1, wherein the

said at least one management function relates to at least one area of the image which is not

a zoomable area.

3.   (Currently Amended) The method according to claim 2, wherein the

said at least one management function comprises a step of displaying a message.

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4.   (Currently Amended) The method according to claim 2, wherein the said at least one management function comprises a step of zooming the said at least one area by interpolation.

5.   (Currently Amended) The method according to Claim 1, wherein the first file is a an SWF file of the SWF type.

6.   (Currently Amended) The method according to Claim 1, wherein the writing of the characteristics (E3) is performed by object instancing.

7.   (Currently Amended) The method according to Claim 1, also including further comprising the steps of compression of the image and storage of the compression data in a second file, the compression data enabling reconstruction of making it possible to reconstruct the image and further containing said the additional data.

8.   (Currently Amended) The method according to Claim 7, wherein the compression is of the comprises JPEG2000 compression type.

9.   (Currently Amended) The method according to Claim 1, wherein the image has a given resolution and wherein the said additional data define at least one additional resolution for the zoomable area.

10. (Currently Amended) The method according to Claim 1, wherein the image has a given quality and wherein the ~~said~~ additional data define at least one additional quality for the zoomable area.

11. (Currently Amended) A method of reading a file describing a digital image, comprising the steps of:

[[-]] reading characteristics of at least one zoomable area in a first file, a zoomable area being defined by characteristics of location of the ~~said~~ area in the image and for which additional data are available[[,]];

[[-]] receiving a navigation instruction[[,]];

[[-]] reading at least one management function in a computer-executable language for navigation in the image, in the first file[[,]]; and

[[-]] executing the ~~said~~ at least one management function.

12. (Currently Amended) The method of claim 11, further comprising the step of testing compatibility between the navigation instruction and the characteristics of the ~~said~~ at least one zoomable area,

wherein the step of executing the ~~said~~ at least one management function occurs only if the result of said testing step ~~the previous test~~ is incompatibility.

13.   (Currently Amended) The method according to Claim 11, wherein the navigation instruction comprises an instruction included in a ~~the~~ list consisting of an instruction to move in the image and a zoom instruction.

14.   (Currently Amended) The method according to Claim 11, wherein said step of executing the ~~execution of said~~ at least one ~~navigation~~ management function comprises ~~the~~ display of a message.

15.   (Currently Amended) The method according to Claim 11, wherein said step of executing the ~~execution of said~~ at least one ~~navigation~~ management function comprises a zoom by interpolation in a ~~the~~ decoded image.

16.   (Currently Amended) The method according to Claim 12, further comprising the step of decompressing ~~(E17) said~~ the additional data, if the result of the compatibility test is positive.

17.   (Currently Amended) A device for creating a file describing a digital image, comprising:

[[-]] means for defining at least one zoomable area in the image, a zoomable area being defined by characteristics of location of the ~~said~~ area in the image and for which additional data are available[[,]];

[[-]] means for writing ~~said~~ the characteristics of ~~said~~ the at least one

zoomable area in a first file[[,]]; and

[[-]] means for writing in the first file at least one management function in a

computer-executable language for navigation in the image.

18.   (Currently Amended) The device according to claim 17, wherein the

~~said~~ at least one management function relates to at least one area of the image which is not

a zoomable area.

19.   (Currently Amended) The device according to claim 18, wherein the

~~said~~ at least one management function comprises ~~the~~ display of a message.

20.   (Currently Amended) The device according to claim 18, wherein the

~~said~~ at least one management function comprises a zoom in ~~said zone~~ the at least one area

by interpolation.

21.   (Currently Amended) The device according to Claim 17, wherein the

first file is ~~a~~ an SWF file ~~of the SWF type~~.

22.   (Currently Amended) The device according to Claim 17, wherein

said ~~the~~ means for writing the characteristics comprises ~~includes~~ means for object

instancing.

23. (Currently Amended) The device according to Claim 17, <u>further</u> comprising means for compression of the image and means for storage of the compression data in a second file, the compression data <u>enabling reconstruction of</u> ~~making it possible to reconstruct~~ the image and further containing <u>the</u> ~~said~~ additional data.

24. (Currently Amended) The device according to Claim 23, wherein the compression ~~is of the~~ <u>comprises</u> JPEG2000 <u>compression</u> ~~type~~.

25. (Currently Amended) The device according to Claim 17, wherein the image has a given resolution and wherein <u>the</u> ~~said~~ additional data define at least one additional resolution for the zoomable area.

26. (Currently Amended) The device according to Claim 17, wherein the image has a given quality and wherein <u>the</u> ~~said~~ additional data define at least one additional quality for the zoomable area.

27. (Currently Amended) A device for reading a file describing a digital image<u>,</u> comprising:

[[-]] means for reading characteristics of at least one zoomable area in a first file, a zoomable area being defined by characteristics of location of <u>the</u> ~~said~~ area in the image and for which additional data are available[[,]]<u>;</u>

[[-]] means for receiving a navigation instruction[[,]]<u>;</u>

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[[-]] means for reading at least one management <u>function</u> ~~functions~~ <u>in a</u> <u>computer-executable language</u> for navigation in the image, in the first file[[,]]<u>;</u> and

[[-]] means for executing said at least one <u>management</u> function.

28.   (Currently Amended) The device of claim 27, <u>further</u> comprising:

[[-]] means for testing compatibility between the navigation instruction and the characteristics of <u>the</u> ~~said~~ at least one zoomable area,

wherein execution of <u>the</u> ~~said~~ at least one <u>management</u> function occurs only if the result from ~~the~~ <u>said</u> testing means is incompatibility.

29.   (Currently Amended) The device according to Claim 27, wherein the navigation instruction comprises an instruction included in <u>a</u> ~~the~~ list consisting of an instruction to move in the image and a zoom instruction.

30.   (Currently Amended) The device according to Claim 27, wherein ~~the~~ execution of <u>the</u> ~~said~~ at least one <u>management</u> ~~navigation~~ function comprises ~~the~~ display of a message.

31.   (Currently Amended) The device according to Claim 27, wherein ~~the~~ execution of <u>the</u> ~~said~~ at least one ~~navigation~~ <u>management</u> function comprises a zoom by interpolation in ~~the~~ <u>a</u> decoded image.

32. (Currently Amended) The device according to Claim 28, ~~further~~ comprising the step of decompressing ~~said~~ the additional data, if the result from ~~the~~ said testing means is positive.

33. (Currently Amended) The device according to Claim 17, wherein ~~the~~ ~~definition~~ said defining means and said writing means are incorporated in[[: -]] a microprocessor ~~(100)~~, [[-]] a read only memory ~~(102)~~ containing a program for processing the data, and [[-]] a random access memory ~~(103)~~ containing registers adapted to record the variables modified during ~~the~~ execution of the ~~said~~ program.

34. (Currently Amended) The device according to Claim 27, wherein said ~~the~~ reading means, said receiving means ~~reception, test~~ and said executing ~~execution~~ means are incorporated in[[: -]] a microprocessor, [[-]] a read only memory containing a program for processing the data, and [[-]] a random access memory containing registers adapted to record ~~the~~ variables modified during ~~the~~ execution of ~~said~~ the program.

35. (Currently Amended) A digital image processing apparatus[[,]] ~~characterized in that it comprises means~~ adapted to implement the method according to Claim 1 or 11.

36. (Currently Amended) A digital image processing apparatus[[,]] ~~characterized in that it comprises~~ comprising the device according to Claim 17 or ~~for~~ 27.

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37. (Currently Amended) An information storage means readable[[,]] ~~characterized in that it can be read~~ by a computer or by a microprocessor, integrated or not into the device, possibly removable, and storing ~~in that it stores~~ a program implementing the method according to Claim 1 or 11.

38. (Cancelled)